



PATENT  
Customer No. 22,852  
Attorney Docket No. 9140.0030-00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
NARASIMHAN, Mukundan et al. ) Group Art Unit: 2826  
)  
Application No.: 10/789,953 ) Examiner: MANDALA, Victor A.  
)  
Filed: February 26, 2004 )  
)  
For: DIELECTRIC BARRIER LAYER ) Confirmation No.: 5786  
FILMS )

**MAIL STOP RCE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**EIGHTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed before the mailing date of a first Office Action after the filing of a Request for Continued Examination in the above-referenced application.

Copies of the listed foreign and non-patent literature documents are attached. Copies of the U.S. patents and patent publications are not enclosed.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or

constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

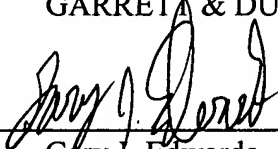
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

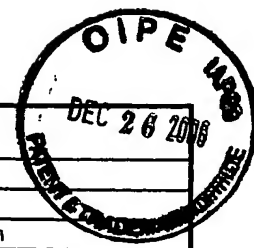
Dated: December 21, 2006

By: \_\_\_\_\_

  
Gary J. Edwards  
Reg. No. 41,008

<b>EXPRESS MAIL LABEL NO.</b> <b>EV 746096242 US</b>
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# COPY



IDS Form PTO/SB/08: Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/789,953
				Filing Date	February 26, 2004
				First Named Inventor	NARASIMHAN, Mukundan
				Art Unit	2826
				Examiner Name	MANDALA, Victor A.
Attorney Docket Number	9140.0030-00				
Sheet	1	of	2		

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-2002/0009630	01-24-2002	Gao et al.	
		US-2004/0245561 A1	12-09-2004	Sakashita et al.	
		US-5,110,696	05-05-1992	Shokoohi et al.	
		US-6,379,835 B1	04-30-2002	Kuchеровsky et al	
		US-6,444,104 B2	09-03-2002	Gopalraja et al	
		US-6,558,836	05-06-2003	Whitacre et al	

**Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		KR 2002-26187	04-06-2002	Hyundai Motor Co Ltd		
		WO 01/82297 A1	11-01-2001	Koninklijke Philips Electronics N.V.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		SNOEKS, E. et al., "Cooperative upconversion in erbium-implanted soda-lime silicate glass optical waveguides," J. Opt. Soc. Am. B 12(8):1468-1474 (1995).	
		Final Office Action dated October 12, 2006, in U.S. Application No. 10,291,179 (Attorney Docket No. 9140.0001-00).	
		Notice of Allowance issued on October 8, 2002, in U.S. Patent No. 6,533,907 (Atty. Docket No. 09140-0004-00).	
		Office Action mailed September 6, 2006, in U.S. Appl. No. 10/101,863 (Atty. Docket No. 09140.0016-00).	
		Response to Office Action filed on August 9, 2006 in Application No. 10/954,182 (Atty. Docket No. 09140.0016-01).	
		Office Action dated October 31, 2006, in Application No. 10/954,182 (Atty. Docket No. 09140.0016-01).	
		Office Action dated October 12, 2006, for U.S. Application No. 11/228,805 (Attorney Docket No. 09140.0030-01000).	
		Office Action dated September 22, 2006 from Korean Patent Office in Appl. No. 10-2005-7016055 (Atty. Docket No. 09140.0030-00202)	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**EV 901562293 US**

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				<b>Complete if Known</b>	
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				<i>First Named Inventor</i>	NARASIMHAN, Mukundan
				<i>Art Unit</i>	2826
				<i>Examiner Name</i>	MANDALA, Victor A.
<i>Sheet</i>	2	of	2	<i>Attorney Docket Number</i>	9140.0030-00

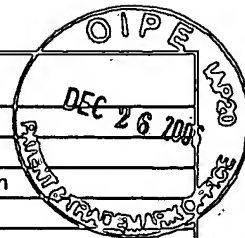
NON PATENT LITERATURE DOCUMENTS			
		Response to Office Action from Singapore Patent Office in Appl. No. 200505388-9, dated August 11, 2006 (Atty. Docket No. 9140.0030-00256).	
		Final Office Action dated October 26, 2006, in U.S. Application No. 10/851,542 (Atty. Docket No. 09140.0033-00).	
		Voluntary Amendment filed August 15, 2006 in TW Appl. No. 94143175 (Atty. Docket No. 09140.0042-00270).	
		PCT International Search Report and Written Opinion for Application No. PCT/US05/44781 dated October 3, 2006 (Attorney Docket No. 9140.0042-00304).	

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		Number-Kind Code <sup>2</sup> (if known)			
		US-5,814,195	09-29-1998	Lehan et al.	
		US 6,268,695	07-31-2001	Affinito	
		US 6,497,598	12-24-2002	Affinito	
		US 6,522,067	02-18-2003	Graff et al.	
		US 6,570,325	05-27-2003	Graff et al.	

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NON PATENT LITERATURE DOCUMENTS			
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		Response to Final Office Action mailed November 3, 2006, in U.S. Application No. 10,291,179 (Attorney Docket No. 9140.0001-00).	
		Office Action dated December 1, 2006, in U.S. Application No. 10,291,179 (Attorney Docket No. 9140.0001-00).	
		Response to Office Action filed on December 6, 2006, in Application No. 10/954,182 (Attorney Docket No. 9140.0016-01).	
		Response to Office Action dated December 21, 2006, in U.S. Application No. 11/228,805 (Attorney Docket No. 9140.0030-01).	
		Response to Office Action mailed November 8, 2006, to the Korean Patent Office in Application No. 10-2005-7016055 (Attorney Docket No. 9140.0030-00202).	
		Preliminary Amendment filed July 21, 2006, in U.S. Application No. 11/297,057 (Attorney Docket No. 9140.0042-00).	
		Supplemental Preliminary Amendment, Substitute Specification with Markings, Substitute Specification without Markings, and Replacement Drawings dated December 6, 2006 in U.S. Application No. 11/297,057 (Attorney Docket No. 9140.0042-00).	
		Continuation Application and Preliminary Amendment as-filed (Attorney Docket No. 9140.0042-01).	

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